FPN E17608 Enterprise Pipeline Spill

Trenton, TX - EPA Region VI
POLREP #2
Final

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
FPN E17608 Enterprise Pipeline Spill - Removal Polrep
Final Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VI

Subject: POLREP #2
Final
FPN E17608 Enterprise Pipeline Spill
FPN E17608
Trenton, TX
Latitude: 33.4353530 Longitude: -96.3437284

To: Reggie Cheatham, EPA HQ
Ronnie Crossland, EPA R6
Aimee Beveridge, TRRC

From: Nicolas Brescia, OSC
Date: 2/16/2017
Reporting Period: 2/03/2017 through 2/09/2017

1. Introduction

1.1 Background

Site Number:	V6SG	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	1/30/2017	Start Date:	1/30/2017
Demob Date:	2/9/2017	Completion Date:	2/9/2017
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E17608	Reimbursable Account #:	

1.1.1 Incident Category

Oil Pollution Act (OPA) assessment and removal.

1.1.2 Site Description

The spill origin is located approximately 100 feet east of HWY 121 and 0.35 miles southwest of HWY 160.
Latitude: 33.380897° North, Longitude 96.406327° West. The closest waterways are Desert Creek (approximately 0.5 miles to the east) and Pilot Grove Creek (approximately 1.1 miles to the west).

1.1.2.1 Location

15229 HWY 121, Collin County, Trenton, TX.

1.1.2.2 Description of Threat

Approximately 15,000 bbls of crude oil was discharged from a 30 inch transmission pipeline adjacent to HWY 121. Due to the volume of the oil discharged, and its location, a substantial threat exists to a nearby creek. Pilot Grove Creek is located approximately 1.1 mile down-gradient from the discharge location. Pilot Grove Creek is designated as a perennial creek and enters into Lake Lavon.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On 30 January 2017 at approximately 1833, Enterprise Crude Pipeline (Enterprise) reported to the NRC that a transmission pipeline had been damaged and an unknown amount of oil had been discharged onto land. The NRC Report number 1169875 indicated the damaged pipeline contained up to 70,000 bbls of crude oil. The discharge occurred at 1545 from a 30 inch transmission pipeline owned by Enterprise. The discharge occurred during grading operations conducted by RPMX, a subcontractor to Austin Bridge and Road. Austin Bridge and Road was contracted by the Texas Department of Transportation (TXDOT) to complete a road expansion construction project along Texas State Highway 121 (HWY 121). During bulldozer grading operations, the operator was reportedly reversing with a raised blade when the pipeline failure occurred. The pipeline intersects HWY 121 in a NW/SE direction. An estimated 15,000 barrels of oil discharged from the pipeline within the footprint of the road expansion project, directly east of HWY 121. The pipeline failure temporarily resulted in a geyser which sprayed onto HWY 121 and adjacent soil. At approximately 1630, Enterprise contractors were on-site mitigating the discharge. At approximately 1700, Enterprise had isolated and secured the line. The discharged oil is classified as a light, sweet crude oil with low viscosity, low hydrogen sulfide, and with a high benzene content.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

During the period between 02/03/2017-02/09/2017, Enterprise continued soil removal operations. Approximately 18,803 tons of oil impacted soil was removed and transported off-site for disposal. Enterprise conducted soil confirmation sampling along the excavated areas and all sampling results were below the TRRC soil Class 1 limits. All excavated areas were backfilled with clean soil. Approximately 4,359 bbls of free oil had been collected to date. The pipeline was repaired, and was placed back into operation.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)
Enterprise Crude Pipeline is the Responsible Party

Contact : Graham Bacon
1100 Louisiana Street, Houston, TX 77002-5227
OSC Brescia issued Enterprise Crude Pipeline a Notice of Federal Interest on January 30, 2017.

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
free oil	**bbls**	**4359**			**Enterprise**
impacted soil	**tons**	**18,803**			**local landfill**

2.2 Planning Section

2.2.1 Anticipated Activities
None

2.2.1.1 Planned Response Activities
None

2.2.1.2 Next Steps

2.2.2 Issues

2.3 Logistics Section
No information available at this time.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
TAT/START	**$20,000.00**	**$10,000.00**	**$10,000.00**	**50.00%**
Intramural Costs				
USEPA - Direct	**$3,500.00**	**$1,000.00**	**$2,500.00**	**71.43%**
USEPA - InDirect	**$1,500.00**	**$0.00**	**$1,500.00**	**100.00%**
Total Site Costs	**$25,000.00**	**$11,000.00**	**$14,000.00**	**56.00%**

*** The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.**

2.5 Other Command Staff
No information available at this time.

3. Participating Entities

3.1 Unified Command
EPA
TRRC
Enterprise Crude Pipeline

3.2 Cooperating Agencies
EPA
PHMSA
TXDOT
TXDPS
TRRC
Collin County Sheriff's Deprtment

4. Personnel On Site
Enterprise Crude Pipeline had approximately 68 contractors on site.

5. Definition of Terms
No information available at this time.

6. Additional sources of information
No information available at this time.

7. Situational Reference Materials
No information available at this time.